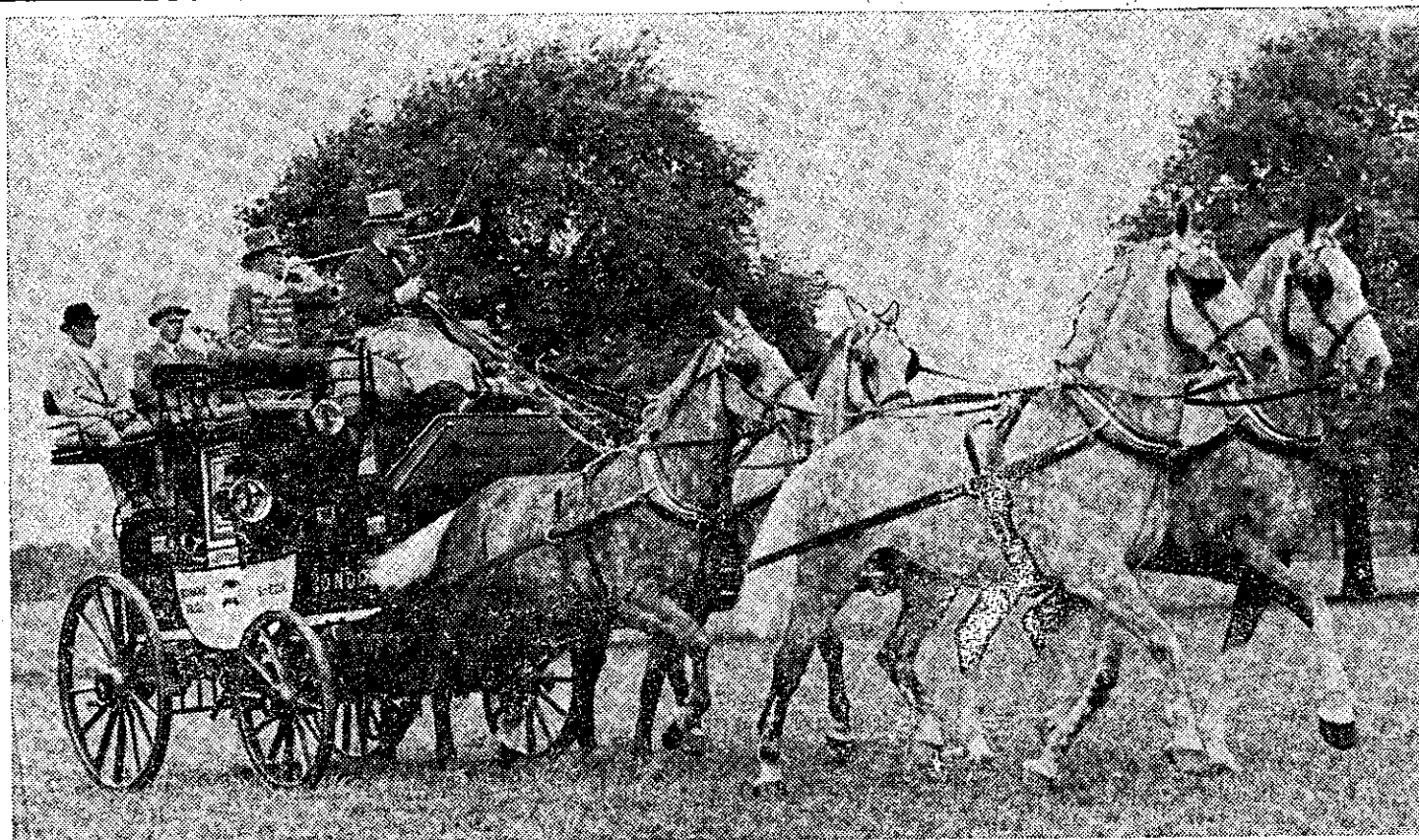


CHILDREN'S NEWSPAPER

Every Wednesday—Fivepence

FOUNDED BY
ARTHUR MEE

Week Ending 13th July, 1963



GIRL WITH A FUTURE

"FAME? I'm getting quite a taste for it. The limelight? I love it. It's fun. But it's all rather harassing with my GCE coming up right now."

So said 15-year-old Carolyn Glyn, who started on the ladder of success at the age of six, when she had a book of short stories published. Since then she has had a book of poems published and exhibited her own paintings. Now, at the age of 15, she has published her first novel, *Don't Knock the Corners Off*.

After all this, you would think that Carolyn's ambition would be to continue writing. In actual fact, she wants to become a designer. With this aim in view, she is going to use the money from her novel to pay for her tuition at a Paris art school.

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16 HOOVES AND A YARD OF TIN

WHO drives the stage-coaches at the Royal Show near Kenilworth? Members of Britain's most exclusive sporting body—the Coaching Club. While members total between 30 and 40, only twelve are active "whips". Membership—even to experienced coachmen—is by invitation only.

Driving a spirited team of horses is a tremendous excitement; handling four pairs of reins and a whip requires great skill. Early in the 19th century—when coaching was at its height—wealthy men would "tip" professional drivers to let them take the reins. Later enthusiasts had their own "drags" built—similar to coaches—and it is from these men that the Coaching Club's spirit descends.

The growth of railways dealt coaching a blow such as they themselves are experiencing today. By 1840, coaches survived mainly in rural districts, and it looked as though a great era was past. Then—about 1850—came a sudden revival. Sportsmen formed syndicates and ran regular passenger services out of London right up to 1939.

Many traditions can be seen

in the Show Rings today. A "drag"—which was a private vehicle—carried two footmen in livery, while a coach had a single guard. His red coat and cockaded hat denoted that he was a Government servant, employed to protect the mails. The guard controlled a mail-coach, and was empowered to "fine" the drivers or owners of unopened toll-gates if it failed to run to time.

Twenty Calls

The calls on his horn—the "yard of tin"—developed entirely through custom. There are over 20 of them, all having definite meanings—"Clear the road!"; "I am going to stop!"; and so on.

Just before a Show, coaches are thoroughly inspected. Details of harness and equipment—down to spare horse-shoes and nails—must be exactly as in the old days. A "Marathon" of

about 15 miles is driven to test the horses and the skill of the coachman. Quality of the horses is usually the deciding factor; it can take years—and a great deal of money—to find a perfectly matched team.

How many coaches still survive? Perhaps a hundred, in

varying stages of preservation. Nearly all date from the "Revival" period following the 1850's, but one or two may be older. For example, Mr. George Mossman's "Beaufort Hunt" possesses several features of the early mail-coaches, and may be a very great rarity indeed.



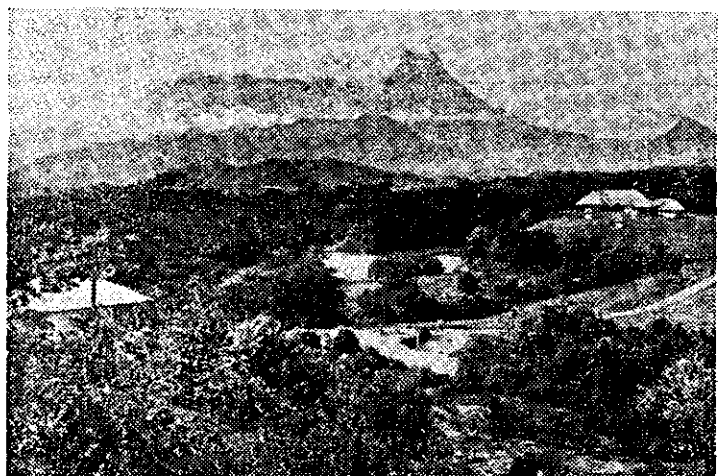
DIVERS IN THE SKY

THE National Sky-Diving Championships, which are being held on 13th and 14th July, at Sywell Airport, Northamptonshire, will be a thrill-packed air show. It will include demonstrations of free-falling, spot-landings, and group-jumping. On Sunday, there will be a programme of international sky-diving.

There will also be helicopter demonstrations, an air display by USAF Voodoos and Sabres, a demonstration of precision flying in Jet Provosts by RAF instructors, and a display of civil aircraft.

Readers' Letters

Jesselton Calling!



Mount Kinabalu (13,455 feet), North Borneo's highest peak.

Dear Sir,—I enjoy very much reading the CN, and I would like friends in all parts of the world, especially from New Zealand.

My hobbies are: Collecting and exchanging stamps, First Day Covers, and view cards; reading; cycling; swimming; outdoor sports; and correspondence.

Edward Tsen, c/o All Saints School, Jesselton, North Borneo.

Garden Fête Ideas

Dear Sir,—I was very pleased to notice (issue dated 22nd June) that Anthony Carton enjoys almost the same pastime as I do—holding a garden party.

I, with a few friends, held a fête on the Wenvoe Village Green last year and we hope to hold another soon. This year our profits will go to the Freedom From Hunger Campaign, but last time we sent them to Doctor Barnardo's Home in Cardiff, and this resulted in our visiting it.

As for ideas, these might interest Anthony. A coconut shy, which we had in our fête, was easily constructed out of a trestle table with a single coconut placed upright on it and two people holding a blanket.

Also there were darts, a Bran Tub, and a raffle.

Haydn Morris (12), Wenvoe, near Cardiff.

Dear Sir,—A few weeks ago I and my friends held a fête at their house. Our mothers served refreshments, but we paid all the expenses and ran all the other stalls ourselves.

Among other amusements was an art gallery of postcards and prints of famous paintings and sculptures. We also ran a stall selling everything from a dart gun to a set of lace mats or a copy of "Heidi." We purchased a box of 100 toys, which we first saw advertised in your paper, and every single one was sold. We invited 25 or 30 friends and made £10, counting donations and expenses.

Marion Gilbert, Robertsbridge, Sussex.

Letters from readers are always very welcome. Send them to: The Editor, Children's Newspaper, Fleetway House, Farringdon Street, London, E.C.4.

News of the Battle of Grand-Port

Dear Sir,—This is the first time I am writing in CN, and I hope you will be kind enough to print this article in your Readers' Column.

"On the 25th of August, 1810, a battle broke out between the French and English. The French troops were under Captain Duperé and the English under the command of Captain Willoughby. There were four ships in each side. The French Captain was in the *Minerve* and the English Captain in the *Nereid*.

As the battle progressed the two Captains were killed at the same moment, and they were buried near the Quay of Grand-Port. It is situated in the east of Mauritius. The English came victorious as the French fleet was too weak to stop the powerful shots from the English gunners.

The battle took place because the English merchant ships suffered frequent attacks from pirates, who had settled in Mauritius as a safe place.

Mauritius was annexed to the British Government and from this date the island became a British Colony, as it is today."

And dear sir, I thank you very much for producing such a pretty magazine.

R. Puttoo, Camp-Fouquereaux, Floréal, Mauritius.

Tail of a Lizard

Dear Sir,—Did you know that some lizards have one of nature's strangest safety devices? When danger threatens, the lizard uses special muscles which neatly remove its tail.

The tail, which is highly coloured, will squirm and wriggle for about an hour. While the lizard's enemy is examining it, the lizard escapes and shortly grows a new tail.

Christopher Morris (9), Upminster, Essex.

Yes. Mr. Maxwell Knight mentioned this strange feature of lizard life in his article in CN dated 2nd February. Editor.

"Operation Orchids"

Dear Sir,—My mother, my sister, and myself decided to go and hunt for rare wild orchids. We had seen some spotted orchids' leaves in the spring, and we went back to this wood.

To our joy we found, first of all, the spotted orchid, then some green man orchids, white helleborine, and finally the pyramidal orchid. We hunted farther in hopes we would find the bee orchid, but we could not find any of these.

Needless to say our "Operation Orchids" was a great success. We now have one of each of these in our wild flower book.

We have not told anyone the position of these rare and lovely plants.

Mark D. Roberts (12), Godstone, Surrey.

Sensible of you, Mark. Too many people pull up wild flowers by the roots and then throw them away! Editor.

THEY CATCH LOBSTERS FOR A LIVING

Two young lobster fishermen, 18-year-old Lawrence Hedley and his 19-year-old friend George Baxter, both of Seaton Sluice, a small Northumberland seaport, have just one ambition in life. They want to become professional fishermen.

And they are well on their way to achieving this, for they already own three boats and are constantly adding to their equipment from the money they earn catching lobsters.

These two teenage boys started while still at school and now,

every day when the weather permits, they sail their 22-ft. boat to the edge of the rock beds and haul in their lobster pots.

They are going to sell their third boat and put the money towards a *coble*—a local type of fishing boat. Then, if all goes according to plan, they hope to set up on their own within twelve months, as full-time fishermen.

"Not at Seaton Sluice," said Lawrence. "Fishing from here is no good as it's tidal. We hope we'll be able to get a mooring at Blythe where we won't have to rely on the tides."

KNOW YOUR NEWS

THE PRESIDENT GETS AROUND

By our Special Correspondent

PRESIDENT KENNEDY'S recent visit to Europe made history for the 14-year-old North Atlantic defence organisation (NATO).

When the idea was broached, the arguments for *not* visiting West Germany, Britain and Italy were strong and the reasons for his staying at home seemed overwhelming.

GERMANY is coming to the end of the "Adenauer era" and in the autumn will exchange her veteran leader for Dr. Ludwig Erhard, the Economics Minister.

BRITAIN was in the throes of a crisis and Mr. Harold Macmillan's future as Prime Minister was uncertain.

ITALY had no Government, and THE POPE was dying in Vatican City.

But the strongest reason against his trip was an outbreak of racial violence at home.

Yet he went—and suddenly everything seemed to fall into place.

The Germans gave him a remarkable welcome. Mr. Macmillan did not fall. Italy

1949, was the first in which the United States had ever undertaken European commitments in peacetime.

The American President was reminding President de Gaulle (and reassuring his other main European allies) that American forces will stay in Europe for as long as they are needed.

Mr. Kennedy evidently thought it not a bad thing to let the Russian Government know that the main weight of the Western alliance is being put into this vital "search for peace" measure.

He made his aim clear when he said America did not want to dominate Europe but was prepared to "risk its cities to defend yours because we need your freedom to protect ours."



President Kennedy during his visit to West Berlin

got a Government. A new Pope was elected. And then Ireland gave "Sean" Kennedy a great welcome.

Mr. Kennedy attached so much importance to his visit for two main reasons:

1. Russia is stepping up her propaganda onslaught against the West.

2. The NATO alliance was divided about the best way to meet this threat, largely because President de Gaulle of France is becoming less and less co-operative.

President Kennedy marked his disapproval of this by not visiting France.

His snub demonstrated what is not always remembered. The treaty which set up NATO in

In a sense, too, this "shake-hands" tour was a preliminary survey before the 15 NATO members start talking about the future and the renewal of this 20-year pact after its time expires.

Treachery

Experts think it still spends too much time on military matters. They point out that the Communists are using trade weapons to defeat the West and treachery and blackmail to lower Western morale.

If this is so, then we can expect the allies to renew the "search for peace" by more up-to-date methods in the Second Twenty Years.

Specially for Girls...

ON TOP OF THE JOB

For more than 200 years the Martin family of Shrowton, near Shaftesbury, have been thatchers, and here you see 16-year-old Janet—one of the youngest girl thatchers in the country—carrying on the family tradition.

She is taking straw up to a roof which she is helping to thatch at Fiddleford, Dorset. When it is finished, Mr. Rodney Martin,



present head of the family, will probably decorate it with his characteristic straw animals and birds.

A thatched roof is more than just picturesque. It is extremely practical, too, as it is warmer in winter and cooler in summer than an ordinary roof.

Work with a Will and a Wheel

QUICK WORK

IN Japan, girls work at the looms of a great woollen mill on roller skates. You can see by the picture that zooming down the lines of machinery would be less tiring for the girls than walking, as well as helping to speed up production...



IN America, workers at an aircraft factory also use roller skates. 500 messages a day are delivered by girls whizzing through the great hangars at half the time it would take them on foot.

□ □ □

ILL-FÊTED? NO!

I EXPECT you've all heard the old saying that "charity begins at home"? Well, nine-year-old Susan Aspinall (of Harpenden, Hertfordshire), her sister, brother, and their friends decided to act on it when they arranged a garden fête in aid of Dr. Barnardo's Homes.

Unfortunately, two days before-hand, Susan developed mumps. But, as main organiser she insisted on going through with the arrangements, despite the fact that she was confined to her room. Susan overcame this obstacle on the day by lowering instructions to her helpers from her window! Her determination to carry on netted £4 for Dr. Barnardo's. (I hope you're fully recovered now, Susan!)

MORE efforts for charity are being made by members of the Acorn Youth Club at Bromley, Kent, who are having a taste of Big Business by selling liquid soap. The detergent is bought in bulk, diluted, and put into plastic containers and sold at 1s. 9d. But members are careful not to upset local traders and sell only to relatives and friends.

The club leader explained that the idea is to develop business instincts and that all profits go to charity.

SOMETHING TO SING ABOUT

KATHLEEN MCCracken is an 18-year-old student nurse of Castlereagh, Northern Ireland, and her best-loved hobby is singing. It's a most rewarding hobby, too, as you can see in this picture, for



Kathleen's soprano voice has won her twelve cups during this past season.

Now this singing student's off-duty hours at home are taken up with cleaning and polishing her trophies, and you can be sure she sets about the job with a song!

□ □ □

CART BEFORE THE HORSE

FOR the past 20 years, Tommy, a heavy dray horse, has worked for the Parks Department of Leeds Corporation. He's still in good trim, but has outlived the life of his cart! As Tommy's type of work will be done by tractor in future, the Corporation have decided to give him a well-earned retirement.

Vicky

PETER, MY PONY

Here is the second article of a feature which will appeal to all lovers of ponies and riding. Written by an expert—Pamela Clark—it presents a diary of Peter, a New Forest pony, and his Mistress.



★ ★ ★ ★ ★ ★ ★ ★ ★

WHEN I go into Peter's stable these mornings, he gives me a very strange look. I think he wonders what's happened, for instead of saddling him up for his usual ride, I stay and pet him a bit, and then leave.

Well, the trouble really started through a bout of rainy weather. Although plenty of rain makes wonderfully luscious grass for Peter's feed, it doesn't do his feet much good. Wet, waterlogged ground makes him grow too much hoof. Besides, I'd left his shoes on a little too long, the vet told me, when he came to shoe Peter the other day.

The vet's a nice, kindly man, but he made no bones about the fact that I must get Peter shod regularly and should watch over the general care of his feet.

"After all," he said, "feet are the most important part of a pony." And that made me feel awful about not having inspected Peter's feet sooner. I'll keep a close watch on them in future.

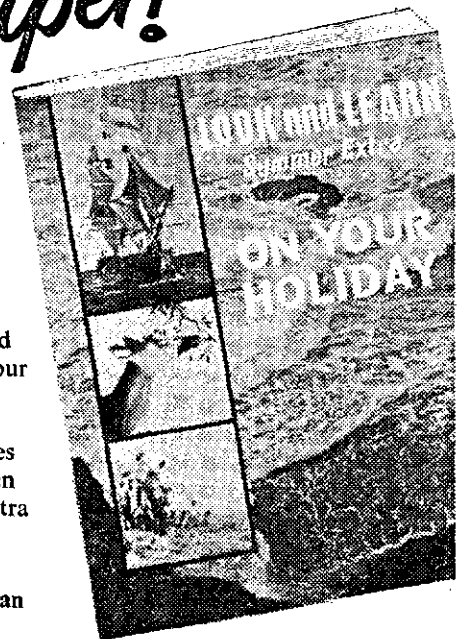
Meanwhile, I can't ride him for a week or two and I'm sure he's as disappointed as I am. I wish I could tell him why!

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FRUITY ICE-CREAM

HERE'S something you might like to try for hot summer days or for your next party. You'll need the following:

- 2 Vanilla Ice-Cream blocks (family size).
- 4 oz. California Seedless Raisins.
- 2 oz. candied peel.
- 2 oz. walnuts.
- 1 oz. glacé cherries.

Plump the raisins by putting them into a saucepan, covering them with cold water. Put the saucepan on the heat and as soon as the water begins to boil, remove the saucepan.

Pour the raisins out of the saucepan into a strainer, and leave them to cool.

Chop the raisins, candied peel, walnuts and cherries.

Put the ice-cream into a mixing basin, mash it up with a fork and then stir in the raisins, peel, nuts and cherries.

Mix well and transfer the mixture into an ice tray.

Place the tray in the ice-box of the refrigerator and leave until the ice-cream is beginning to set.

Stir it up again with a fork and leave once more in the ice-box until it is set.



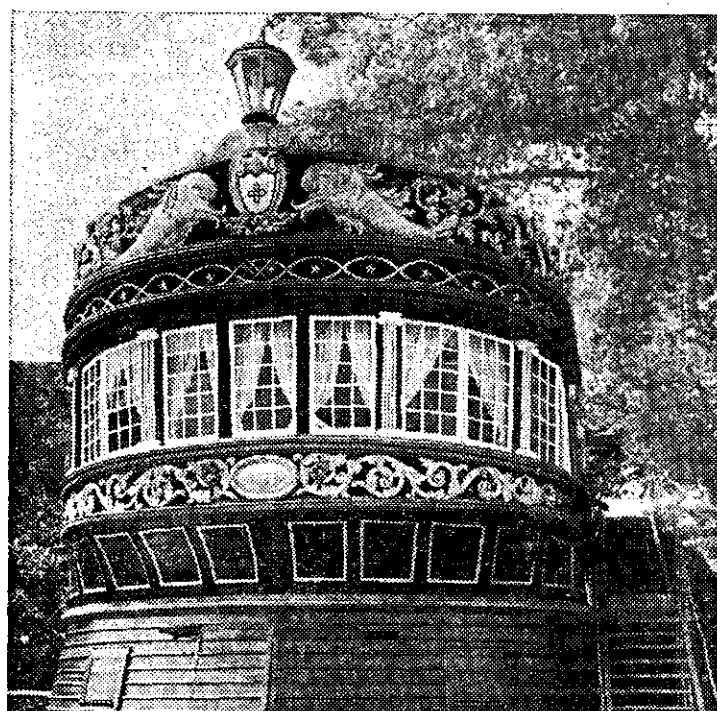
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Wide



World



MYSTERY SHIP

What looks like the stern of an 18th-century ship-of-the-line, makes a pleasant guest house at Centre Island, off Long Island, New York. But its owner still has no clear idea how it came to be there.

Some of his neighbours believe it was part of a motion picture set built when the film industry was in its infancy on Long Island. Others feel it might be a fancy houseboat left over from the extravagant 1920s.

POWER STATION IN THE CAUCASUS

The Russians have begun work on the first stage of a huge hydro-electric power station in the Caucasus.

A 750-foot-high dam is designed to harness almost 9,000 million cubic feet of water of the fast-flowing River Sulak in the narrow Cherkeis Gorge.

NOUVELLES DE FRANCE

Lorient. Un homme-grenouille, M. Yann Caradec, a été pris de malaise pendant qu'il déplaçait des casiers (à homard) immergés à 45 mètres de fond. Le patron du chalutier, pour le compte duquel il effectuait ce travail, alerta Radio Saint-Nazaire. Quelques instants plus tard, un hélicoptère de la protection civile de Lorient fut dépêché vers le chalutier. Son équipage hissa M. Caradec à bord et le transporta à Lorient, où il fut placé dans un caisson de décompression de la base sous-marine.

A 10s. 6d. book token will be awarded for what the Editor considers the best translation received by Wednesday, 17th July. Send to: Nouvelles de France, Children's Newspaper, Fleetway House, Farringdon Street, London, E.C.4. 22nd June winner: Dorothy M. Edwards, 91 Endcliffe Vale Road, Sheffield, 10.

Sanctuary for Orphan Orangs

KEEPING THE FLIES OFF

People in Florida, USA, have put up large numbers of little houses for purple martins, the biggest members of the swallow family. Martins are insect-eaters, and it is hoped that they will settle in the houses and keep down the flies, mosquitoes, and so on which plague this part of the world.

The purple martin does nearly all its eating while flying, and can snap up about 2,000 mosquitoes a day.

ENGLISH IN CHINA

Until recently, Russian was the principal foreign language learned in China. Now it is English. Students have been told to memorise at least 5,000 words, and radio lessons are being given morning, noon, and night.

The study of English has so far superseded Russian that books in the latter language are now difficult to find.

The orang-outang, one of the ape family, is likely to become extinct. And it is mainly due to poachers who shoot the mothers in order to capture the young.

The Fauna Preservation Society have pointed out that only half the baby orangs survive the journeys to zoos, and therefore the



An orang-outang in a zoo

world population of these animals, estimated between 3,000 and 4,000, is declining rapidly.

The society and other organisations are now contacting authorities in Borneo and Singapore in an attempt to put orphan orangs into sanctuaries.

1,000-Mile Ride to Find a Tree!

MR. RICHARD ST. BARBE BAKER, founder of the world-wide Men of the Trees movement, has ridden on horseback down the entire length of New Zealand. He was looking for a tree.

Mr. Baker, who is 74, began his journey from the most northerly kauri pine in the country and, on his horse Rajah, rode 1,000 miles to find the most southerly kauri, believed to be at Invercargill, at the foot of South Island. But he eventually found that the southernmost kauri tree was on Stewart Island, about 20 miles off South Island. During his long ride, he lectured on trees and about 80,000 children gathered to hear him.

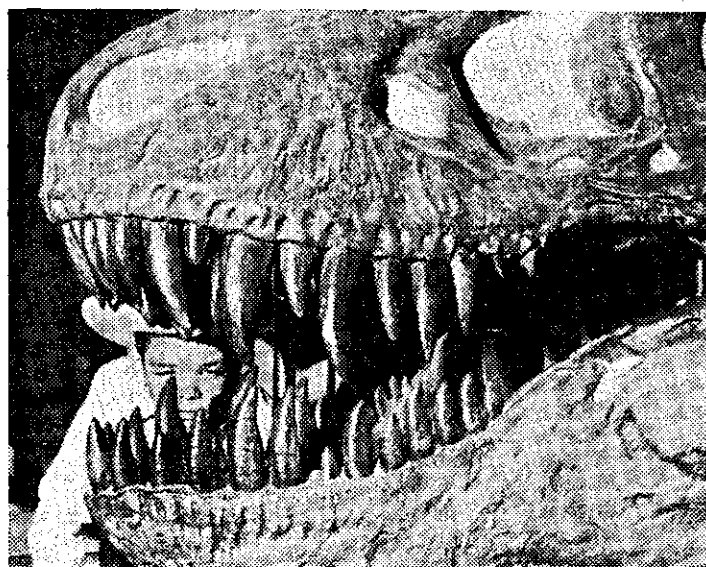
Born in Britain, Mr. Baker has made his home in New Zealand, where he carries on his lifelong work, the care of trees. He has lectured in all parts of the world, and in 1922 he founded, in Kenya, the Men of the Trees movement which has become universal.

BY RADAR TO MARS

In February, when Mars was about 62 million miles from the Earth, the Russians carried out tests with radar waves. Results indicate that the planet has many flat regions, often two or three miles in area.

It took about eleven minutes for the radar waves to travel to Mars and back to Earth.

TERRIFYING TEETH



The Texas Memorial Museum has a remarkable collection of local relics and one of the most impressive of them is this skull of a giant Tyrannosaurus.

The boy examining its terrifying teeth is Lane Griffin, the son of a

Texas rancher. Although his own collection doesn't run to anything like this, Lane has found many interesting relics himself around his father's ranch, including a number of ancient Red Indian arrow heads.

Briefly...



Crushed coal will be mixed with water and piped 1½ miles from the colliery to a power station at Wakefield, Yorkshire, where the coal will be dried and stored.

A Liberian tanker has taken 3,700,000 gallons of water from the Pearl River in Communist China to drought-stricken Hong Kong.

Bronze Age Stones

Prehistoric stones in a double row 900 yards long and between 30 and 130 feet wide have been found on Dartmoor. Believed to date from the Bronze Age, they have been described as the largest and most important yet discovered in the area.

Two 15-months-old white tiger cubs—a rare species—have been bought for the Bristol Zoo. They cost nearly £10,000.

Ice-Cool Cat

A cat shot out of the nozzle of an ice delivery chute in the fish dock at Fleetwood, Lancashire. It was unhurt.

An Antarctic petrel with a wingspan of eight feet could not take off from the limited space on a Cape Town beach. So it was taken to a cliff top and thrown off.

Weather Watchers

Pupils of the Hadley Modern School near Wellington, Shropshire, work seven-day shifts in manning a new weather station built in the school grounds.

All seven brothers of the Hughes family, ages 8 to 17, were confirmed at the same time by the Bishop of Lancaster at St. Cuthbert's Parish Church, Wigton, Cumberland.

Spring Coins

Skin-divers have recovered 10,000 coins thrown into the Hamurana Springs at Rotorua, New Zealand, by tourists. Their value will help a new technical school for handicapped children.

A Glasgow firm has received an order for a solid gold golf club — from a Japanese industrialist.

Golden Twins

The first twins to win Gold Badges since the Duke of Edinburgh Award Scheme started are James and Kenneth Switzer of Orangefield Boys' Secondary School, Belfast.



PETS' CORNER

BY KATHARINE TOTTENHAM

YOUR Written specially for CN HEDGEHOG

THE hedgehog belongs to a group of animals known as insectivores (insect-eaters), which includes moles and shrews, and is widely distributed in Britain and Europe.

Although hedgehogs are seldom active until dusk and are difficult to keep in captivity, many people who live in the country or suburbs attempt caring for one as a pet and are saddened by failure.

often a young one is found wandering in an unsuitable place, such as a busy main road, and then it would be kind to take it home, feed it for a few weeks and finally attempt to establish it as a charming and useful resident in the garden.

A rabbit hutch or a chicken coop and run will make a good cage, provided that it is strongly made. For hedgehogs can climb,

snails, earth-worms, and all sorts of insects; and, of course, the pet-keeper's standby, mealworms (obtainable by the ounce from pet shops). In addition, a pet hedgehog may enjoy an occasional raw egg and also likes soft fruits of many kinds. A little milk may be given now and again. Fresh water at all times is essential.

Hedgehogs are often infested with skin parasites, usually fleas and ticks. Great care must be taken when eradicating these pests

Katharine Tottenham will be delighted to answer any queries about your pets, if you'll write to her c/o CN—and enclose a stamped, addressed envelope please!

as hedgehogs are killed by some forms of insecticide. Therefore, use only a powder containing pyrethrum and avoid DDT at all costs.

Time for Release

When the time for release comes near, a hedgehog may be allowed several outings in the garden so that it can learn its way about, and can be fed outside at these times. Then one evening let the animal out, put down a good supply of food, and, after arranging the cage so that it can return there to sleep if it likes, leave the rest to luck and hope that your hedgehog will come each night for food.

Hedgehogs sleep during severe winter weather but may come out to feed in mild spells before Christmas and in the early spring.

YOUR QUESTIONS ANSWERED

My postbag contained a number of letters inquiring about the care of pigeons and doves and so I shall devote an article specially to these birds within the next few months.



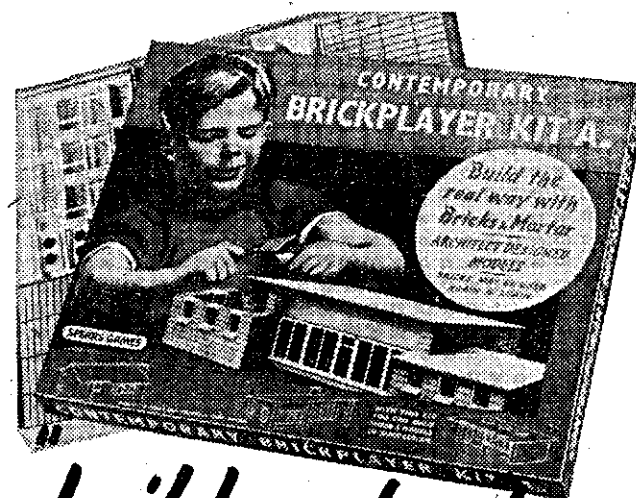
A hedgehog must have fresh drinking water at all times, while milk can be given occasionally.

Correct diet is the major problem, for while this animal is an insect-eater it likes a change sometimes—with such tit-bits as dead birds, young mice and rats, slow-worms, and the eggs in ground-nests. So you can imagine that a hedgehog kept caged, and offered only bread and milk, will not stay healthy for long on such an unvaried diet.

I think there is no excuse for keeping an adult hedgehog but

dig and heave with their shoulders, and can soon work their way out of a flimsy structure. Ideally, there should be two compartments; one bedded with hay and dry leaves for daytime sleep, and the other littered with sawdust and provided with heavy, non-tipping dishes for food and water.

The food should be as varied as possible and can include minced or chopped raw meat; birds killed by traffic; chicken or rabbit heads obtained from a poulterer; garden



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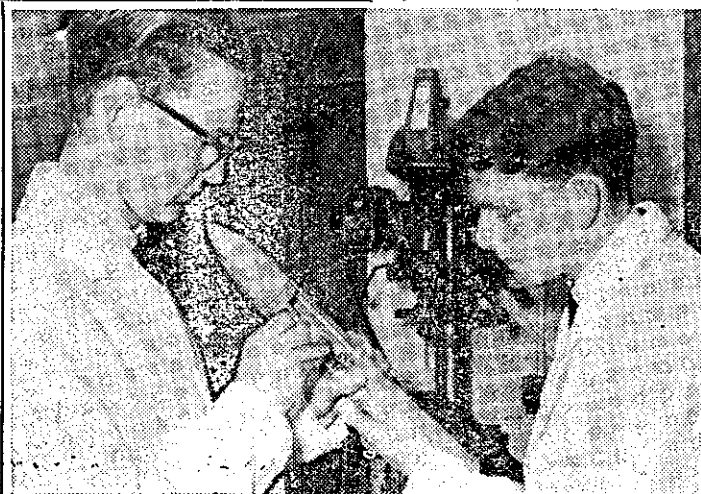
ADDRESS.....

SCHOOLBOYS MAKE THEIR OWN ROCKET

TWO 16-year-olds, Malcolm Blount and John Evans (who are seen in our picture), have built their own rocket which they hope to launch from the RAF Establishment at Larkhill on Salisbury Plain, some time this month.

The rocket, which weighs 28lb and is seven feet long has a tiny camera inside and was made in the boys' own time in the science laboratory of Canton High School, Cardiff. It cost £5.

When the rocket is launched with its fuel of mixed zinc and sulphur, it is hoped to reach a speed of 550 mph in a flight lasting about five minutes.



SCIENCE SURVEY

Harnessing the Sun

SCIENTISTS at the Tohoku University in Sendai, Japan, claim to have made the world's largest solar furnace. It works on the same principle as the "burning glass" which sets a piece of paper on fire.

Heat is obtained from 238 mirrors which are remotely controlled to revolve in all directions to keep the Sun's heat in focus. These mirrors reflect the accumulated rays on to a large concave mirror which concentrates on one point to produce a sizzling temperature.

It can melt even tungsten, which has the highest melting point of any metal—3,370 degrees Centigrade.

The builders of this furnace now hope to find a way of generating electric power by solar energy.

Sleep Hospital

A GERMAN clinic which specialises in sending its patients to sleep as a cure for various disorders has been opened at Bischofswiesen.

The treatment lasts for three weeks, and the patients sleep from Monday to Thursday, with interruptions for light meals and breathing exercises.

When not sleeping, patients go out to enjoy the lovely mountain scenery.

BUSY BUMBLES

BUMBLEBEES are far better workers with pollen than the common honeybees, according to the investigations carried out by the Swedish Seed Association.

Calculations show that the bumblebee does about 2½ times as much pollination work among flowers as the honeybee, and also spends more hours at it per day.

How We Run Our Country

SERVICES OF BANKS—AT HOME

WHEN a person opens an account with a bank this does not simply mean that he puts his money in and draws it out when he wants it. A bank provides many other useful services as well.

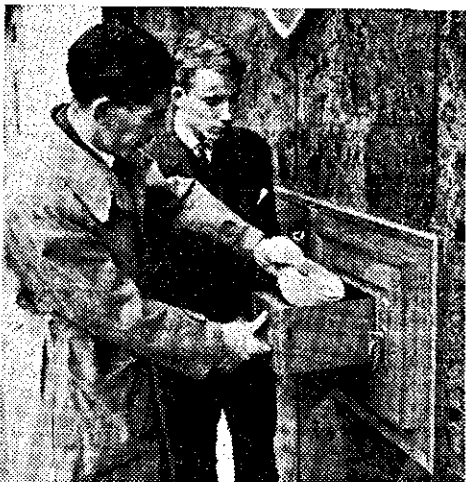
There are two main types of bank account. One is called *Deposit Account* and is mainly for those who want to put aside sums of money as savings. The bank pays interest on this money.

The other type is known as a *Current Account* and is the one most people open. With this type the customer pays his money in or withdraws it as he wishes (so long as he still has some left) by writing cheques.

We will talk about cheques a little later in this series.

outside wall, behind which is a chute connecting with the bank's strong room. Customer's who require this service are provided with a leather wallet which they lock before placing in the Night Safe chute. The wallet is opened by the customer when he calls at the bank next day to pay the contents into his account. In some cases, the wallet is opened by the bank.

Banks will also advise about saving, obtain opinions about investing money, undertake the



NIGHT SAFES can be used by shopkeepers and others who hold large sums of money after the banks are closed

In approved cases a bank will lend money to its customers for a period of time and charges interest for doing so. There are two main ways in which a customer may borrow money—by *loans* or *overdrafts*. (We will talk about them the week after next).

Night Safes

Banks also provide many other services to their customers. Deeds and other valuable documents, wills, or jewellery may be left with the bank for safe keeping.

For shopkeepers and others who handle large sums of money after banking hours Night Safes are available. They usually take the form of a small metal door in the

administration of wills, and give "references" on behalf of its customers. Sometimes you may have to prove to somebody that you are of good character, and you will require somebody to write this down about you. This is a "Reference" and a bank manager will usually do this for his customers.

So you can see that, apart from any financial arrangements, there are many advantages in having a bank account.

**NEXT WEEK:
SERVICES OF BANKS—
ON HOLIDAY**



Team from the Ukraine rehearsing their axe dance and (below left) a solo effort, against Llangol



Two members of a team of Latvian folk dancers



Sword and shield dance from Turkey

Welsh girls listen to a performer from Belgium

paper, 13th July, 1963

CN PANORAMA

NEWS IN PICTURES

THE WORLD COMES TO WALES

FROM 9th to 14th July the little Welsh town of Llangollen increases its population of some 3,000 to about 180,000. Choirs, soloists (vocal and instrumental), and dance teams from all over the world come there every year to the famous International Eisteddfod. Visitors also arrive by the thousand to spend a week which no one who has shared it ever forgets. The festival had been held since 1947 and the organisation goes like clockwork. Every house and farm for miles around offers accommodation, which is free to all competitors. And each becomes one of the family in a Welsh home. About 200 choirs and folk-dance teams compete for the various prizes. The set pieces for choirs and soloists offer a choice of languages to sing in, the most surprising to the visitors being Welsh.

The wooded hills and the River Dee provide the happiest setting.



It looks like a quarrel but it's only part of a dance by a Stockholm troupe



Company of African dancers from Senegal, with their guitarist



Wales's green hills



She's from France and the hat's of lace and she made it herself!



A rather frilly affair from Austria

Something to take to the Seaside

FILMS and TV have shown us life under the sea and this must make many of us wonder if it is possible to observe a little more of what goes on in, say, a rock-pool at the seaside.

It is—if you are prepared to make, or get someone else to make for you—a simple device.

This is nothing more complicated than a largish tin—a square biscuit tin will do. You must carefully cut out a square piece of the bottom of the tin leaving a margin of about 1½ inches. Then ask at an ironmonger's for a square of good quality window glass; the dimensions of this must be one inch larger than the space you have cut out.

The next job is to line the margin of the inside of the tin with putty (I am sure you can have this done very cheaply if you cannot manage it yourself). The object of this is, of course, to give you a glass bottom to your tin which is water-tight.

It is easy to test this. Fill the tin with ordinary tap water and let it stand for a few days on a newspaper and in a cool place.



TAKE A LOOK AT NATURE

with
MAXWELL KNIGHT

You will soon see if there are any leaks.

The lid you can use when carrying the tin, to guard against bumps and generally to strengthen it. If all is satisfactory you have now got a piece of apparatus with which you can observe what goes on under the water in a rock pool.

You must then find a pool well out in the open, which means it should have plenty of light below the surface. Don't be disappointed if the sun is not actually shining in the right direction, or even not shining at all. You can often see as much on a day which is fairly bright.

What has he seen in the rock pool?



Next you must know how to approach your pool without scaring the inhabitants into the cover of dense seaweeds. You must not let your shadow fall across the pool. If it does, away will go the fish and crabs.

Beneath the surface

You will have already realised that your device is meant to be gently pushed beneath the surface so that you can see through the glass bottom. The distance that you quietly push it downwards must depend a little on the depth

of your water—about 3 inches or so is satisfactory for an average rock pool.

You must have first got down on your tummy before you use your underwater "seeker." And when you are searching the pool you must have your eyes and the front of your face as far into the tin as is comfortable.

Don't move the tin quickly or you will set up little currents which will disturb the water and the creatures you wish to see. Next week I will tell you a little about some of them.

The Children's Newspaper, 13th July, 1963

Hiding Scars in the Mountains

Loose rocks excavated in the construction of the big new dam at Stwlan, North Wales, are being covered with hundreds of tons of peat cut from a bog near by. The idea is to hide the scars in the ground left by the dam builders, and to make the site blend with the surrounding mountains. Later, trees will be planted.

START OF THE PROMS



On Saturday, 20th July, Sir Malcolm Sargent conducts the first of this year's Promenade Concerts at London's Royal Albert Hall. The season lasts until 14th September. Good listening!



It's fun to own a Kodak camera!

Think of the fun you could have with a Kodak camera! Imagine taking pictures of your friends—in colour or black and white—pictures of pets, pictures of lovely babies. Or getting a friend to take one of you riding a horse. Pictures that record the things you're interested in, the things you do. Fun to take—and fun to look back on.

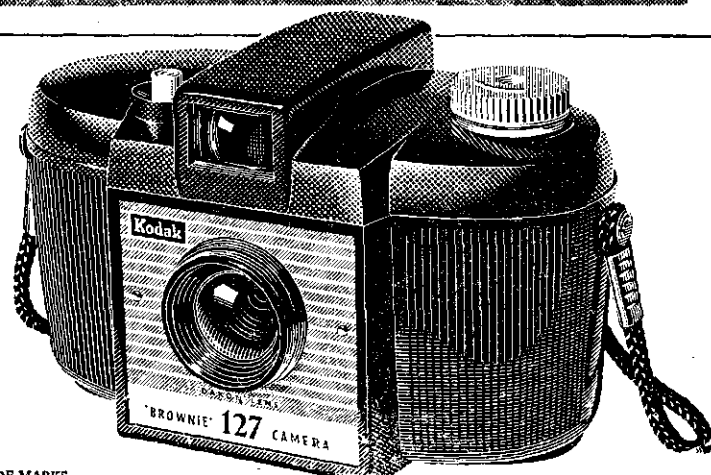
And for only 25/2 you can buy a modern Kodak camera that is easy to use. (Have you got a birthday soon? How about a word in someone's ear!)

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A new and exciting serial of pioneer days in the Old West

MR MYSTERIOUS AND COMPANY

1. By covered wagon to Cactus City

It was a most remarkable sight. Even the hawks and buzzards sleeping in the blue Texas sky awoke in mid-air to glance down in wonder.

A covered wagon was lurching west along the barren trail to Cactus City, but it was like no other wagon seen in those parts before. To begin with, it was the wrong colour. Its canvas was bright red and could be seen for miles. The wheels were painted gold, like a circus wagon, and the horses were as white as swans.

The man driving this most remarkable wagon and these white horses was himself a most remarkable man. He wore a stovepipe hat, as tall as Abe Lincoln's and just as black, and had a smiling red beard even sharper than the letter V. If the hawks and buzzards could have read, they would have seen his name in golden letters a foot high on the sides of the wagon:

Mr. Mysterious & Company

"Whoa, Hocus," Mr. Mysterious said. "Whoa, Pocus."

The horses looked so much alike, it was difficult to tell one from the other. When strangers would ask Mr. Mysterious (who was a friendly man and always spoke to strangers) the secret of telling his white horses apart, a twinkle would come into his eye.

A magician, as everyone knows, never explains his secrets, and Mr. Mysterious was a travelling magician. But in the matter of his horses there was no real secret to it at all. The animal on the left was Hocus and the one on the right Pocus, unless they got mixed up, which sometimes happened. In that case, it was better to talk about the weather, which was hot everywhere that late summer in the year 1884.

THE moment the wagon came to a halt, three young faces appeared in the puckered canvas opening behind the driver's seat. Two girls and a boy had been doing their school lessons farther back in the wagon. They climbed to the ground in their bare feet. Jane was almost twelve; Paul was nine; and Anne, the youngest.

"Pa," Paul said, "I wish we didn't have to go to California. Settle down, I mean."

"You'll like living on a cattle ranch," Pa said. "I grew up with cattle. Ranching is the only other trade I know."

"I'd rather travel around just the way we do. Seeing things and having adventures—why, we have adventures every day. Sometimes twice a day!"

Pa shook his head. "The matter is settled, my lad. Your mother and I have talked it over from front to back and side to side. You young 'uns ought to have a regular house to grow up in and be getting a regular schooling."

"Mama's the best schoolteacher there is, I bet."

"No doubt about it," Pa said. "But a show wagon is no place to

get your schooling. No, my lad, we're going to homestead some land and raise beef, like your Uncle Fred in San Diego. And your mother will have a house with a real kitchen and curtains on the windows. No two ways about it—this is going to be the last tour of Mr. Mysterious & Company."

wooden seat, watching the passing sights.

JANE was the first to notice Cactus City off to the left of the trail. There was no sign pointing the way, but she could see the top of the church steeple. The town appeared sunk down in a small valley, as if hiding from sight.

"You children get back in the wagon and put on your shoes," said Mama. "We're not going to ride into town looking like a band of gypsies."

"Hurry, Pa," Anne said. "So we can go to the general store before it comes show time."

She had been thinking of the candy jars for hours. Pa had promised them five cents' worth of candy each. That was more than



When the wagon stopped, three young faces appeared.

THERE were times when Paul noticed a certain sadness come into his father's eyes at the thought of laying aside his magic wand. Pa loved entertaining folks and making them laugh, but once he made up his mind, it stayed made.

After the noon meal Mama got out a soup bowl, put it on Paul's head, and trimmed his hair around it. Most of the boys on the frontier had their hair cut that way until they outgrew the bowl.

Finally, the family packed the cooking utensils and continued on the trail.

The red covered wagon creaked and lumbered along and Madam Sweetpea, the black-and-white cow, walked behind, with her rope well knotted to the tail board. The family rode together on the

a week ago, and her mouth had been watering ever since.

"Plenty of time," Pa said. He looked at his fine gold watch that chimed the hours. He was prouder of his watch than anything he owned. "Two hours yet before show time. I didn't figure we'd be getting to Cactus City this early. Plenty of time."

The trail forked off, and the wagon followed the dusty road leading down into the hidden valley. The family always felt an air of excitement as they rode into town. There were things to see and people to talk to and news to catch up on. And, of course, a show to give.

"Jane," Mama said. "Hand me my new sunbonnet. It's hanging right there over your head."

Jane unhooked the bonnet and

handed it out to her mother. It was as white and stiff as starch could make it. Mama took a great deal of care to keep the girls' bonnets as crisp as her own. She made her own starch, either from the settlings of potato water or by soaking wheat and using the starchy dregs that settled to the bottom.

Jane brushed out her long hair and tied the ribbon freshly in place. It seemed to her, during secret moments at Pa's shaving mirror, that she appeared very grown up when she smiled to herself. And one day Mama would let her wear her hair up like the older girls she saw.

Now that they were so near, Jane could hardly wait for Cactus City. There would be other girls, town girls. How wonderful it would be to live in a town, she thought, and carry her books to school and go to parties!

by ALBERT S. FLEISCHMAN

SHE had never been to a real party in her life. She had never been to a social or even a sewing bee. The family had been on the move as long as she could remember. It was fun being part of a show wagon, but there were times when she felt a longing and a loneliness as hard to bear as a toothache.

"Andrew," called Mama, breaking into Jane's day dream. "We're almost out of water."

"We'll get water and supplies in Cactus City," he nodded.

His name was not, as one might suppose, Andrew Mysterious. It was simply Andrew Perkins Hackett—which hardly sounded mysterious enough for a man who could pluck coins from the air and turn hen's eggs into silk handkerchiefs. He had therefore adopted a stage name, according

"Is my ribbon straight, Mama?" she asked.

"Straight as can be," Mama said, doing up Anne's shoes with a buttonhook.

Pa was knocking the dust off his trousers.

"It wouldn't surprise me if they hadn't had a wagon show in here for a year at least," he said. "Maybe more. Everybody must be waiting for us."

"Looks like a pretty town," Mama smiled, tying the bonnet strings under her chin. "All freshly painted like it was born yesterday."

"Mighty quiet, though," Pa said, casting a glance along the main street.

THE town was indeed neat and freshly painted and quiet as a clock that had run down.

There was something strange about this town. Jane looked about, but there wasn't even a dog to be seen on the street or a horse hitched to a rail. Pa noticed that not a single handbill had been posted to announce the coming of the magic show. Not a man, woman or child was on the boardwalks to greet them.

There was not a soul to be seen anywhere.

The town stood empty.

Pa pulled up in front of the barbershop and looked around.

"Mighty strange," he murmured. "A town without folks in it."

Paul gazed at the silent street. It was kind of spooky.

All the excitement Jane had felt a moment before was gone.

"Pa," Anne whispered. "I'm scared."

Mama held Anne a little closer, and Anne held her rag doll close enough to burst a seam.

"Andrew," Mama murmured, "where is everyone? It looks like the earth has swallowed them up."

"Look," Jane said quietly, trying not to sound scared. "There's fresh washing hanging on the line. Behind that green house."

PA tapped the stovepipe hat firmly on his head and climbed to the ground. He left the wagon where it stood in the middle of the street. The sun was getting so low that the wagon seemed to cast a shadow from one end of the town to the other. "You and the young 'uns wait there," he said. "I'll have a look around."

"I'll get your rifle, Pa," Paul said.

"Won't need it. It doesn't look like there's even a jack rabbit to shoot at around here."

Jane watched Pa cross to the boardwalk and try the door of the general store.

It was shut tight. Padlocked.

The children found themselves talking in whispers.

"Bet it's a ghost town," Paul said to Jane.

"I'm not afraid of ghosts."

"You are too."

"Well, how could there be ghosts in the daytime?"

Mama told them to get back inside the wagon, where they would feel safer. But even under the red canvas they talked in whispers. Finally Paul lifted the canvas so they could peek out. Pa was trying doors farther along the boardwalk, without success.

"The whole town is padlocked!" cried Jane . . .

To be continued

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WORLD OF STAMPS

HEAVIEST STAMPS EVER ISSUED

by
C. W. HILL

A REMARKABLE series of stamps has been issued recently in the Pacific island Kingdom of Tonga. There are 13 values, ranging from 1d. to 15s., and each stamp is circular.

The issue commemorates the introduction last April of the first gold coins ever used in Tonga—or, indeed, in any of the Polynesian islands. One of these new gold coins is reproduced in its actual size on every stamp.

To make the stamps resemble even more closely the gold coins, they have been printed on thin gold foil. As one of the coins,

this coin measure, with the border, no less than 3 1/2 inches across.

Pictured here is the 2d. value of the new series. The coin it reproduces is the 1-koula, bearing the portrait of Queen Salote of Tonga. The outside border is in dark blue and the inscription reads "Tonga—The Friendly Islands—Commemorating the first gold coinage of Polynesia."

It was from Captain Cook that Tonga received its name of the Friendly Islands, because during his voyage of discovery in 1773 he called there and was so well treated by the Tongans.

The new stamps have been printed by a Midlands firm and are the heaviest ever issued. In fact the largest of them weighs as much as 40 British stamps.

Instead of being printed in sheets, the stamps have been printed individually, and special boxes, like old-fashioned pill-boxes, have been used to store them.



the 1-koula, worth £16 in English money, measures 1 1/2 inches in diameter, the stamps reproducing

Tenth Birthday of a Junior Stamp Club

A STAMP exhibition is being held on 20th July at the Art Club Rooms, The Pantiles, Tunbridge Wells. It celebrates the tenth anniversary of the Newlands Road Philatelic Society.

This is run entirely by junior collectors in Tunbridge Wells. David Green, Editor of the Society's magazine, says that the Society now has 30 members, the youngest being—appropriately—ten years old.

From Afghanistan for FAO

ANOTHER United Nations agency, the Food and Agriculture



Organisation, is honoured by four new stamps from Afghanistan. The stamps also mark the Freedom from Hunger campaign. Pictured here is the 3-puls value, showing a head of maize.

East African University

THE other new issues to be recorded this week are more conventional. Pictured here is one of two which mark the opening of the University of East Africa. The university is composed of



three separate colleges. They are the Royal College at Nairobi, in Kenya, Makerere College, in Uganda, and the University College of Dar-es-Salaam, in Tanganyika. Three students in caps and gowns represent the colleges.

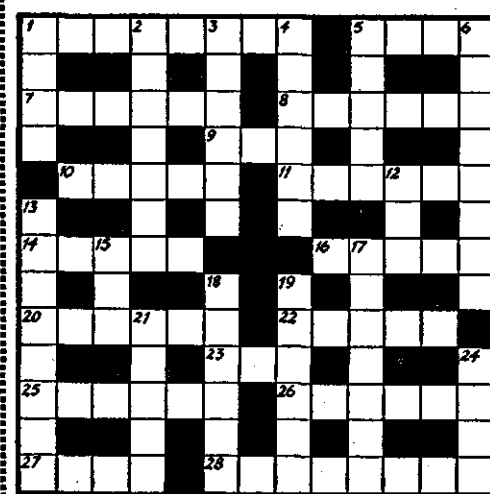
From Russia for WHO

THE Soviet Union has issued three special stamps to honour the World Health Organisation. The 2-kopec value, pic-



tured here, shows the smiling face of a young woman, with a holiday resort in the background. "Everyone has the right to a holiday," says the Russian inscription.

Crossword puzzle



ACROSS: 1 Country's border. 5 Steals. 7 Capital of Poland. 8 Dome. 9 Sea bird. 10 Mistake. 11 One of the four satellites of Uranus. 14 Suggest. 16 Female. 20 Deserved. 22 Gummy substance obtained from trees. 23 Rival. 25 Opposite to acid. 26 Straight. 27 Consumes. 28 Plea.

DOWN: 1 Young deer. 2 Part of the nose. 3 Towards the inside. 4 To estimate. 5 Indian coin. 6 Motionless. 12 Edge. 13 Set free. 15 Through. 17 To watch. 18 Inform. 19 Trust. 21 Approaches. 24 Remain.

Answers on page 11

HUNTERS CREATE A GAME RESERVE

The Batawana, a hunting tribe in the wild Okavango country in Bechuanaland, one of the richest game lands in Africa, have created a Wildlife reserve. They have always been hunters, and now they have set aside their richest reservoir of wild life as a complete reserve in which not even a member of their Royal House may shoot or trap an animal.

After years of indiscriminate slaying, the Batawana tribesmen have realised that to preserve game so that they may increase in the future is better value than an extra helping or two of meat in the present.

PICK A PUZZLE

by
Guy Williams

BESIDE THE SEASIDE

First, find the answers to the following clues. If you do so correctly, the initial and last letters in the answers will, when read downwards, spell the names of two very popular seaside resorts in southern England.

It's made by churning cream
Part of the USSR
A "temporary" measure
To conjecture
Suspend
Shakespeare's Queen of the Fairies
Music for eight instruments
Music for dreamers?

FRUIT IN THE STARS

The stars between the rows of letters represent the letters in the name of a very popular fruit. If you guess the word correctly you will find that, when read downwards, six three-letter words have been formed.

EREHAL

BMDTYD

The Answer Is Vegetable

MY first is in plate, also in cup,
My second's in goat but never in pup;
My third is in star but never in sky,
My fourth is in sit but never in lie;
My fifth is in piano, but never in drum,
My sixth is in apricot but never in plum;
My last is in rope but never in cable,
My whole you will find is a vegetable.



WHO ARE



THESE MEN?

Here are the portraits of three world-famous men. How quickly can you name them?

Let's Make Time

Can you find the answers to the clues below? If you do so correctly, the initial and last letters will, when read downwards, spell the names of an object found in all homes, and of very important parts of that object.

WORD SQUARE

The answers to the four clues will, if written below each other, read the same down as across.

Found in a wood.
Not imaginary.
Consumes.
Otherwise.

Made at cricket and fishing.
A republic of the USSR.
Extensive sea.
Frank, open.
Seen on a chess board.

FIND THE PHRASES

Can you fit the words from the first line into the second line to make six familiar two-word phrases?

Tall, wide, narrow, broad, short, high.
Grin, escape, treason, story, berth, shift.

ANSWERS TO PUZZLES

Fruit in the stars: Banana. The answer is vegetable: Parsnip. Who are these men?: (Top right) Emperor Haile Selassie of Ethiopia; (left) Pietro Annigoni, the Italian artist; (bottom left) former US President Dwight D. Eisenhower.

Find the Phrases:
Tall story; wide berth; narrow escape; broad grin; short shift; high treason.
Word square:
TREE
REAL
EATS
ELSE

Beside the seaside:
B utter R
R ussi A
I nteri M
G ues S
H an G
T itani A
O cte T
N octurn E

Let's make time:

C atc H
L atvi A
O cea N
C andi D
K ing S

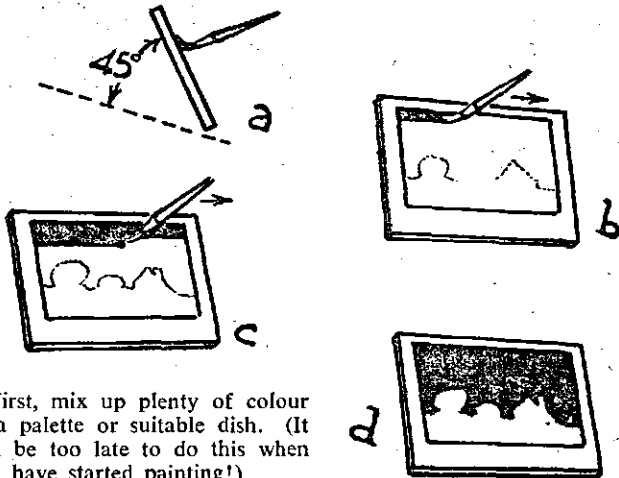
Crossword Puzzle (P. 10): ACROSS:
1 Frontier. 5 Robs. 7 Warsaw. 8 Cupola. 9 Auk. 10 Error. 11 Oberon. 14 Imple. 16 Woman. 20 Earned. 22 Resin. 23 Vie. 25 Alkali. 26 Direct. 27 Eats. 28 Entreaty. DOWN: 1 Fawn. 2 Nostril. 3 Inward. 4 Reckon. 5 Rupee. 6 Stagnant. 12 Rim. 13 Liberate. 15 Per. 17 Observe. 18 Advise. 19 Credit. 21 Nears. 24 Stay.

DO IT YOURSELF

Laying a Wash

DO you find difficulty in laying a "wash" of water colour quickly and smoothly on a piece of paper while sketching? Or do you fumble with your colours so that the results are patchy and disappointing?

Laying a wash is fairly easy if you set about it in this simple, step-by-step way:—



First, mix up plenty of colour in a palette or suitable dish. (It will be too late to do this when you have started painting!)

Next, put your drawing-board at an angle of about 45 degrees, as shown at (a). Paint a band of colour across the top edge of the surface to be painted, as at (b). Keep the brush moving straight across the paper while doing this, and don't go over any part of the paper twice.

A ridge of wet paint will thus collect along the lower edge of the moistened paper. Your second brush stroke (made across the paper again, and a little lower) should release this ridge, letting it flow down to the lower

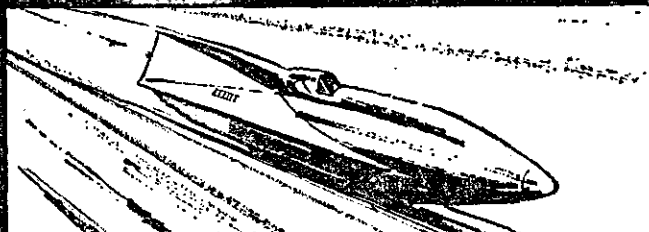
edge of the newly moistened band, as at (c).

Continue in this way, charging your brush with more paint from time to time, and working slowly down the paper.

When all the surface to be coloured has been covered (d), squeeze the surplus paint gently out of the brush with your fingers. Reduce the last remaining ridges of the wet paint by touching them with the point of the damp brush.

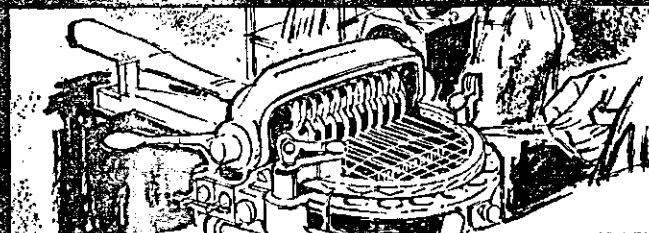
The result should be a smooth film of colour on your paper.

well! WHAT D'YOU KNOW...



WAFFER THIN TYRES!

Half a millimetre! That's how thin the treads were on the Dunlop tyres fitted to Bill Johnson's Triumph Streamliner when he took the motorcycle world speed record at 224.57 m.p.h. Centrifugal force would have ripped off a deeper tread.



PILCHARDS PIPED ASHORE!

To unload big catches from the boats, the South African fishing industry uses 10" diameter suction hoses made by Dunlop. The fishermen, who have to wade knee-deep among fish, wear Dunlop rubber boots, and in the processing plant the fish are carried on Dunlop conveyor belts.

CRISS-CROSS QUIZ!

How much "cat-gut" has been used by Dunlop in stringing their Maxply Fort tennis rackets? Over a million of these famous rackets have now been made—and, believe it or not, the total length of "cat-gut" would reach across the Atlantic to America and back again!

DUNLOP

SYMBOL OF PROGRESS



HAVE YOU EVER TRIED TENPIN BOWLING?

By the Sports Editor

YOU'VE doubtless heard of Tenpin Bowling; but have you ever tried it? Until the other day I hadn't; now I know it's great fun!

My photographer colleague and I were invited to the bowling centre at Leytonstone, in east London, by Mr. Barry Barnett of ABC Bowling. There we were introduced to the Manager, Mr. Ken Gray, who took us across thickly-carpeted floors to the bowling arena, where dozens of boys were busily hurling what seemed to me to be great cannon-balls at rows of innocent-looking bottles! Actually the "bottles" are made of wood and plastic and the balls are composition.

League Competition

The boys were engaged in a junior league competition, in which teams of three "bowl it out" against one another until a series of matches have been played. There are prizes for the "league champions" as well as for individual players.

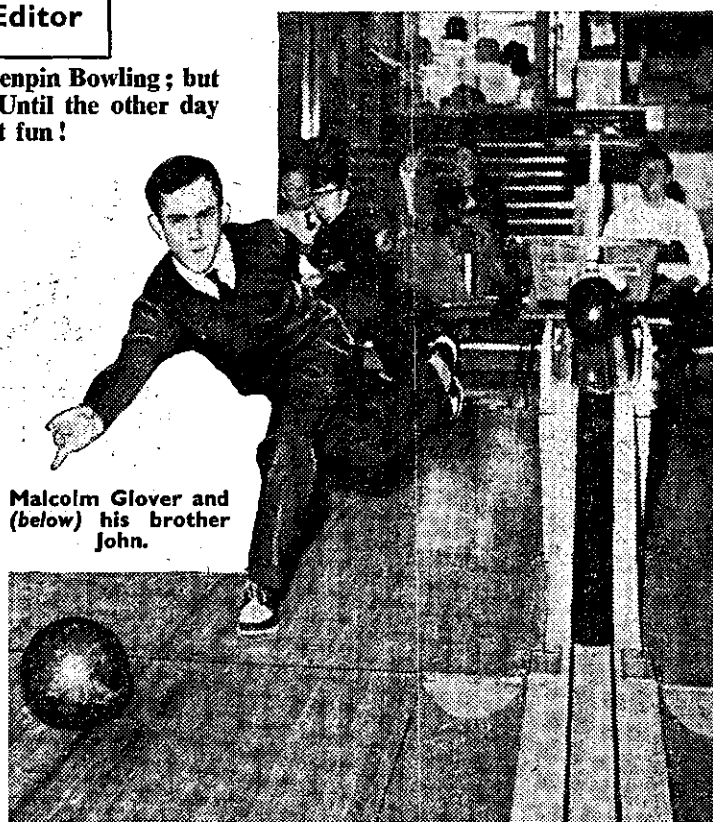
Mr. Gray introduced us to two regulars—Malcolm Glover (14) and his younger brother John, who came from Chigwell, about ten miles away.

"We took up the game by chance, really," Malcolm said. "We were on holiday in Scotland and had stopped at Saltcoats. We saw that Tenpin Bowling was being played at a former cinema, so decided to look in."

"In fact," John said, "the whole family had a game, and we haven't stopped playing since. That was nearly two years ago, and we've been coming here for 18 months."

Brothers—and rivals

Malcolm and John may be brothers, but at the bowling centre they are deadly rivals, for they are in different teams. Malcolm is with the Druids, while John is a Flintstone. There's little to choose between them when it comes to playing, and both have won prizes. Malcolm got a trophy in an individual knock-out competition; John has his own ball, awarded after he got the highest total score in a series of matches.



Malcolm Glover and (below) his brother John.

Of course, there are other matches, too, against teams from different centres—elsewhere in London, and in Birmingham, Liverpool, Manchester, the Potteries, Kent, Essex.

Mr. Gray then took us round the centre. There were comfortable seats for players and onlookers, and bars where refreshments are available at all times.

"Tenpin Bowling is a family game," Mr. Gray explained. "And as whole families come along, especially at weekends, for hours on end, refreshments are always welcome. One of the youngest players here is only eight, and she comes along every Saturday with her parents. She's very good, too!"

The ABC Bowl at Leytonstone is in two decks, with 12 bowling lanes on the ground floor and eight on the upper. We were also taken behind the scenes, and were amazed at the complicated



machinery which picked up the pins as they fell, whirled them round, and then neatly dropped them into place before setting them up again.

"Like to try your hand?" asked Mr. Gray. We certainly would!

Now if you've never seen a ball, let me explain. They are all the same size, but they vary in weight from 9 lb. (for very young players) to 16 lb. And each ball has three holes, for the middle and fourth fingers and the thumb.

Visions!

I picked up a ball, stuck in my fingers and thumb—and felt rather unhappy! Somehow, my thumb fitted *too* snugly, and I had visions of hurling the ball down the lane only to find that my thumb had gone with it; or that I would be firmly attached to the ball and would go crashing into the pins!

But then Mr. Gray pointed out that the holes in the balls were at differing distances and of varying sizes. All I had to do was to select a ball which allowed the easy withdrawal of my fingers. So I bowled my first ball...

SPORT

Promise of John Boulter

By Peter Hildreth

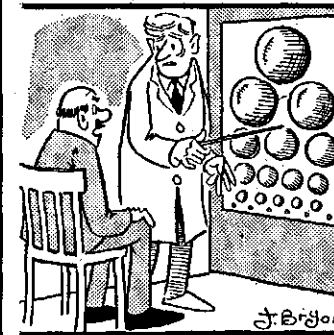
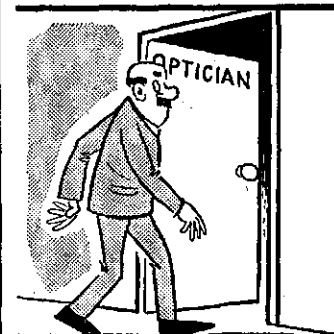
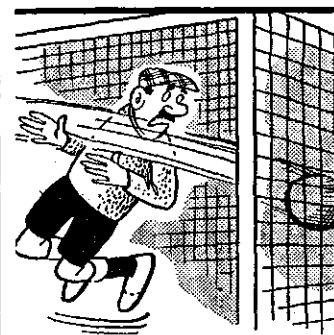
THE other day, on an underground train, I met Roger Bannister who, in May 1954, became the first man to run the mile in less than four minutes.

Roger told me that he was particularly impressed with the recent performances of John Boulter, the Oxford undergraduate who is hailed by many as capable of bringing the world mile record back to Britain.

Last year 22-year-old Boulter ran the mile in 4 minutes 10.2 seconds; when I met Bannister, we spoke of John's new time of 4 minutes 01.3 seconds and of his equalling the UK National record for the 880 yards.

Whether Boulter can break the world record for the mile remains to be seen. He is certainly built on the right lines for the job. Standing 6 feet 1 inch and weighing 11½ stone, he is the same size as was Bannister at his best.

ALL-ROUND ALFIE



WHEN you come to fish a stream or river for roach you'll need to change your tackle and methods from those I described in last week's column on still-water angling.

However, if you are at the water's edge early, you would be wise to begin with the close-range method I described last week—fishing near the bank where the current is usually sluggish.

For fishing out in the stream you may need heavier tackle to withstand the swirling of the

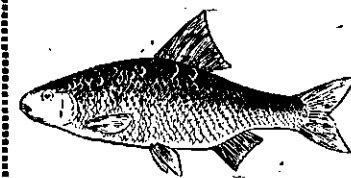
Specially written for CN
by Harvey Torbett

current. A large porcupine quill, seven or eight inches long, or a cork-bodied quill should do fine. About six split-shots will add a little extra weight—a bunch of three close to your float, two further down, and one within a foot or 18 inches of your hook.

You will need a lead plummet to find the correct depth. Fixing this extremely useful piece of equipment to your tackle is a simple matter. All you have to do is slip your hook through the plummet's eye and then fix the point of the hook into the cork insert underneath the plummet. Then, gently swing the tackle into your selected stretch of water so as to avoid a splash.

If the float fails to reach the water it is too high up the line; if it sinks it is the opposite. Keep adjusting until your hook just clears the bottom without fouling, and is able to move downstream with the current.

Now you must bait up and cast. A very light check on the line will prevent the float getting in front of the hook. This would never



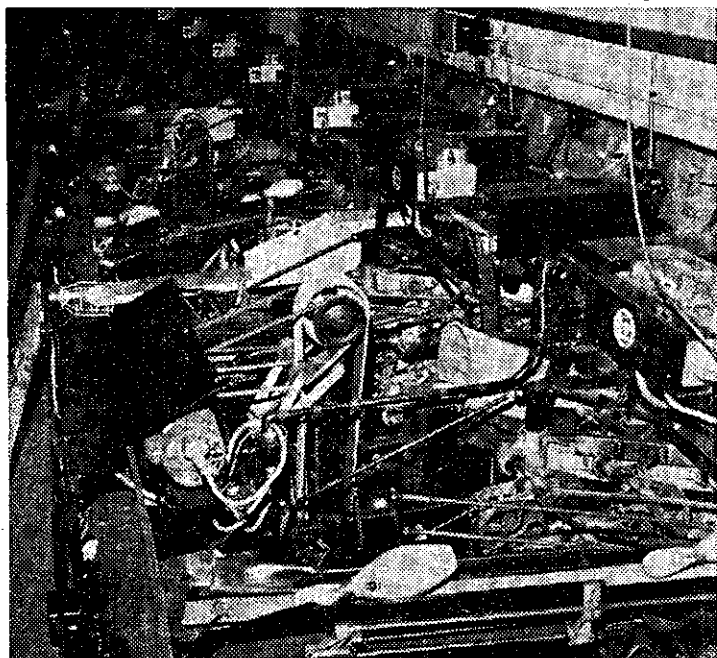
The Roach

do, because the float may scare away shy fish before they even see the bait.

Pay out line gently to let the float drift about 15 or 20 yards downstream.

Follow the float with the rod-tip, but as soon as the float becomes unmanageable, or tends to drag towards the bank, strike gently, then retrieve it and cast again.

Always strike at the end of such a "swim-down" since fish often mouth the bait as it swings upwards in the water. In any case, strike at the slightest unusual movement of the float.



A mass of complicated machinery—behind the scenes at the Leytonstone ABC Bowling Arena.

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